

Datasheet for ABIN197450

anti-eIF4EBP1 antibody (Thr36)[Go to Product page](#)**2** Images

Overview

Quantity:	0.1 mL
Target:	eIF4EBP1 (EIF4EBP1)
Binding Specificity:	Thr36
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This eIF4EBP1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	The antiserum was produced against synthesized non-phosphopeptide derived from human 4E-BP1 around the phosphorylation site of threonine 36 (S-T-TP-P-G).
Specificity:	4E-BP1 antibody detects endogenous levels of total 4E-BP1 protein. This antibody may cross-react with 4E-BP2 and 4E-BP3.
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Target Details

Target:	eIF4EBP1 (EIF4EBP1)
Alternative Name:	EIF4EBP1 / 4E-BP1 (EIF4EBP1 Products)
Background:	Synonyms: Eukaryotic translation initiation factor 4E-binding protein 1, PHAS-1, PHAS-I, PHAS1,

Target Details

	Phosphorylated heat- and acid-stable protein regulated by insulin 1, eIF4E-binding protein 1
Gene ID:	1978
NCBI Accession:	NP_004086
UniProt:	Q13541
Pathways:	MAPK Signaling , PI3K-Akt Signaling , RTK Signaling , AMPK Signaling , Regulation of Cell Size , BCR Signaling

Application Details

Application Notes:	Western Blot: 1: 500approx. 1: 1000. Immunohistochemistry: 1: 50approx. 1: 100. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

Handling

Concentration:	1.0 mg/mL
Buffer:	PBS (without Mg ²⁺ and Ca ²⁺), pH 7.4 containing 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	-20 °C

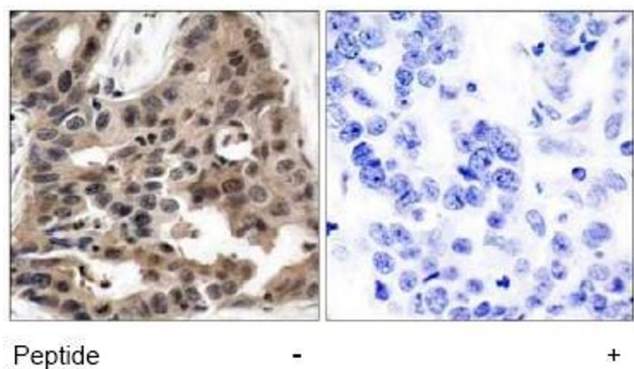


Image 1.

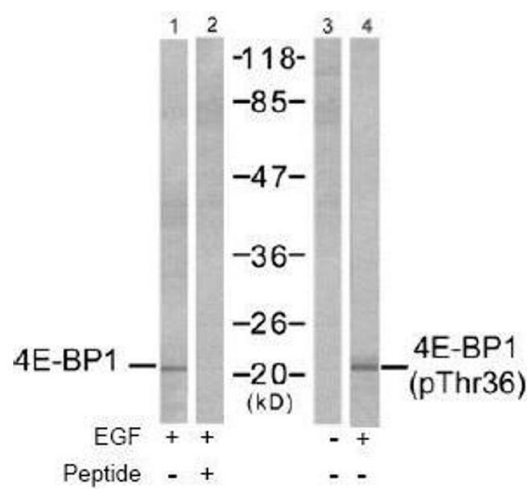


Image 2.